

WHAT IS CLAIMED IS:

1. A coin processing device which ascertains genuine or counterfeit nature and denomination of inserted coins, accommodates coins that have been ascertained to be genuine according to denomination, and pays out the accommodated coins via a coin pay-out slot according to amount of change, comprising:

coin-type IC card processing means for ascertaining genuine or counterfeit nature of inserted coin-type IC cards, performing input and output of information into and from coin-type IC card that have been ascertained to be genuine, and discharging the coin-type IC cards from the coin pay-out slot,

whereby the coin processing device processes both the coins and coin-type IC cards.

2. The coin processing device according to claim 1, wherein the coin-type IC card processing means comprise:

discriminating means for ascertaining the genuine or counterfeit nature and denomination of the inserted coins, and ascertaining the genuine or counterfeit nature of the coin-type IC cards;

sorting means for guiding the coin-type IC cards that have been ascertained to be genuine into a passage that communicates with the coin pay-out slot; and

information input/output means for inputting and outputting information into and from the genuine coin-type IC cards, the information input/output means being disposed at an intermediate point in the passage.

3. The coin processing device according to claim 2, wherein the information input/output means comprise retention means for retaining the coin-type IC cards.

4. The coin processing device according to claim 2, wherein the sorting means comprise a sorting lever for sorting the genuine coins and the genuine coin-type IC cards into respective separate passages.

5. The coin processing device according to claim 1, wherein the coin-type IC card processing means comprise:

coin-type IC card accommodating means for accommodating coin-type IC cards beforehand; and

coin-type IC card pay-out means for paying out the coin-type IC cards accommodated in the coin-type IC card accommodating means into the coin pay-out slot.

6. The coin processing device according to claim 5, wherein the pay-out of coin-type IC cards accommodated in the coin-type IC card accommodating means is selectively performed by the coin-type IC card pay-out means.

7. The coin processing device according to claim 5, wherein the coin-type IC card accommodating means comprise an auxiliary tube which accommodates coins with a high frequency of use beforehand, and

the coin-type IC card pay-out means comprise coin pay-out means for paying out coins accommodated in the auxiliary tube.

8. The coin processing device according to claim 5, wherein the coin-type IC card accommodating means accommodate the coin-type IC cards beforehand in which point information is stored beforehand.

9. The coin processing device according to claim 1, wherein the coin-type IC card processing means identify only a coin-type IC card that is inserted first as a genuine coin-type IC card in cases where a plurality of coin-type IC cards are successively inserted, and the information is input into or output from the first-inserted coin-type IC card, with all of coin-type IC cards that are inserted afterward being identified as counterfeit coin-type IC cards and being paid out via the coin pay-out slot without inputting the information thereinto or outputting the information therefrom.

10. The coin processing device according to claim 1, wherein the information that is input into or output from the coin-type IC card by the coin-type IC card processing means is point information.

11. The coin processing device according to claim 1, wherein the coin-type IC card processing means employ a point-addition-type point system.

12. The coin processing device according to claim 1, wherein the coin-type IC card processing means employ a point-subtraction-type point system.

13. The coin processing device according to claim 1, wherein the coin-type IC card processing means comprise:

discriminating means for ascertaining the genuine or counterfeit nature and denomination of the inserted coins, and type of the coin-type IC cards;

sorting means for guiding the ascertained coin-type IC cards into a passage that communicates with the coin pay-out slot; and

information input/output means for ascertaining the genuine or counterfeit nature of the coin-type IC cards by reading and writing information from or in the coin-type IC cards, the information input/output means being disposed at an intermediate point in the passage.